

# FOLIO

## Destination Oil Patch

An instructor in the Alberta Summer Institute for Petroleum Industry Development has one thing going for him right away—the attention span of his students lasts from the time class starts at 9 a.m. until he says, “That’s all for today” at 4 p.m. As the two dozen students have only a dozen weeks to learn about all aspects of the petroleum industry, shilly-shallying is as far removed from the setting as the students are from their homeland. They have come from Libya, Indonesia, India, Venezuela, Bangladesh, Nepal, the People’s Republic of China, Sri Lanka, Korea, Ivory Coast and Malaysia to absorb knowledge which they can apply when they return home next month.

“They’re where we were at in 1948,” says Mel Blitzter of the University’s Briefing Centre. That being the case, participation in the Institute should stand them in good stead, moving as it does from initial exploration to final production.

Having recently completed a three-week English language training and orientation program, the group is receiving an overview of the oil and gas industry. The subject matter includes petroleum and exploration geology, geophysics and computer applications, on-shore drilling, land acquisition, formation evaluation, off-shore drilling and vessels, and world reserves.

Field trips dot the program. An oil field service company in south Edmonton, production fa-

cilities at Drayton Valley, storage facilities at Fort Saskatchewan ...these and other outings will facilitate the transition to the six-week specialized studies segment.

Dembele Yahaya from the Ivory Coast and Karhi Nisjar from Indonesia enrolled in the program with great expectations and feel that they are getting “good training.” Mr. Yahaya’s interest is mineral engineering; Mr. Nisjar’s field is petroleum accounting.

The students are very inquisitive, say instructors Lorne Tetarenko and Barry McLean who

are here from Calgary and Halifax, respectively. (The institutions behind the program are the Alberta Department of Energy and Natural Resources; the Alberta Department of Economic Affairs; Nova, An Alberta Corporation; the Southern Alberta Institute of Technology; Underwood, McLellan & Associates; The University of Alberta; the Nova Scotia Institute of Technology; and various Alberta industries.)

University of Alberta faculty will teach during the specialized studies segment. Each student will take one of the following

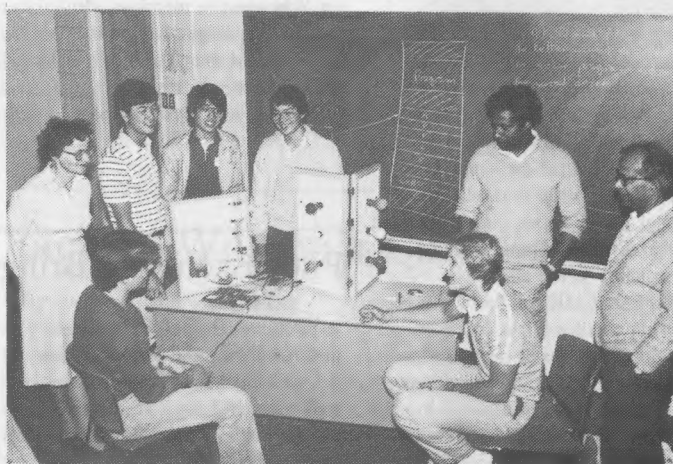
specialized programs: engineering, procurement and construction; gas processing; management and policy development; training and manpower development; exploration; production; or off-shore.

The Institute’s final week (14 to 21 October) will consist of various simulations as well as the implications of the program and application in the home country. Resource people will respond to individual concerns. Certificates will be presented to the students.

Mr. Blitzter, who is coordinating evaluations of each portion of the program, says the sponsors are most interested in students’ feedback and will give due consideration to changing or expanding the program.

The Institute’s genesis occurred last summer when a training program for several United Nations Fellows from Lemigas, an Indonesian Oil and Gas Institute, was held at the University. The program’s success prompted a flood of enquiries and resulted in the development of an annual training program to meet the express need for short-term, specialized training programs in the oil and gas industry.

Now, the “spudding in” is being accomplished via a mixture of classes and field trips and social events, including barbecues hosted by the Hon. Horst Schmid, Minister of State for Economic Development and International Trade, and by Peter Adams, Dean of Engineering. □



*Students at the University of Alberta Computer Camp which was held each weekend during July and August ease up for a few moments. The camp, a pilot project conducted by the Department of Electrical Engineering, provided eighteen hours of lectures and eighteen hours of hands-on training. The instructors were Demetrius Zissos and Danny Wilson. The department plans to repeat the camp in October; people interested in the use of microprocessors and their practical application to everyday life are invited to contact the department (432-3332) after 14 September.*

## NUW: We Have the Future in Minds

The University's 75th Anniversary celebration is over. But another celebration is about to begin. National Universities Week, the country's first nation-wide celebration of higher education, is set for 2 to 8 October and on this campus, as on campuses from coast to coast, plans are well underway for a wide variety of special events.

The purpose of NUW is to highlight the role of Canadian universities in community, regional, and national development. It will draw attention to the value of teaching, scholarship, research, and cultural and public service activities and will emphasize university contributions to business and industry. The theme is: "We have the future in minds." The theme and the accompanying logo were designed by the Montreal advertising firm of Young and Rubicam.

Alberta's four universities have worked together during the past few months, setting in place a number of joint ventures: an historical overview of the growth of higher education in the province has been prepared in recog-

nition of the week; *Alberta Report* is putting together a special supplement on the four universities; and the annual Boards of Governors Seminar will be held during NUW.

At this University, the events planned in recognition of NUW will take many different forms. Lectures, athletic events, the fine arts, special tours—all will be showcased during the week. More news on NUW, including information on the many local and national events, will appear in *Folio* in the coming weeks. More information on NUW may be obtained by telephoning the Office of Community Relations, 432-2325. □



## NATIONAL UNIVERSITIES WEEK

### APEDECHE a New Acronym on the Culture Block

APEDECHE stands for Asociación para el Desarrollo de la Cultura Hispánica de Edmonton and is the name of a new organization founded by staff and students in the Hispanic area of the Department of Romance Languages and members of the Hispanic community of Edmonton. The absence of any reference to nationality obtained by resorting to an acronym as a title is a deliberate ploy of the organizers, who wish to stress that the Association is not intended to replace or duplicate any of the Hispanic ethnic or cultural organizations already flourishing in the city.

APEDECHE will focus on the literary culture of the Spanish speaking world and plans a program of activities to reflect that concern. Initially, these will include general interest courses on topics such as creative writing in Spanish, masterpieces of Hispanic literature, and corrective grammar. As the topics suggest, they are intended for speakers of Spanish who wish to maintain or extend their contact with Hispanic culture, to improve their confidence and performance in Spanish, or just find an outlet for

a need to express themselves in their own language. In the short term, the Association is also planning a literary competition in Spanish, films, and public lectures. As membership grows, activities will also expand and will include group discussions on topics of interest to members, dramatized readings of plays in Spanish that may eventually lead to formation of a small theatre group, and literary workshops to

complement courses in creative writing.

Although founded in response to a need identified in the Hispanic community of Edmonton, the Association welcomes the participation of all who are interested in Hispanic culture, regardless of background.

For further information about APEDECHE, contact the Department of Romance Languages, 432-3272. □

## FOLIO

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The Office of Community Relations

423 Athabasca Hall

The University of Alberta

Edmonton, Alberta T6G 2E8

(403) 432-2325

All enquiries and correspondence should be directed to:

Ron Thomas

Editor

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### Pilot Exchange Brings Iowan Our Way

A pilot exchange of Canadian and American university personnel working with foreign students took place in May and June under the aegis of the Canadian Bureau for International Education. Two moves within the exchange were those of Elizabeth Morey, International Student Adviser at Concordia University, to the Iowa State University of Science and Technology, and Becky Roach, Research Assistant in the Office of International Educational Services,

Iowa State, to our University.

During her two and a half-week stay here, Miss Roach examined in detail several of the activities of the International Student Office, including the Briefing Centre for intercultural communications training; the administration of Alberta's bursary and loan programs; and research on international education and international students and the political issues which affect them. □

## Director Named for Fund Development

In a move designed to put The University of Alberta "back in the business of fund raising," Allan M. Holender has been named as new Director of the University's Fund Development Office. In announcing the appointment, L.C. Leitch, Vice-President (Finance and Administration), described Mr. Holender as "one of the best fund raisers in the country."

Mr. Holender, Director of Alumni Fund and University Development at the University of British Columbia since 1981, will bring to his position at this University wide-ranging and successful business experience. His academic credentials include degrees from both the University of Montana and The University of Alberta as well as a Professional Teaching Certificate from the Province of British Columbia and a Registered Social Workers Certificate.

After terms as a Community Centre Director for the Vancouver Board of Parks and Public Recreation (1967-68) and a Community Development Worker for the Vancouver YMCA (1968), Mr. Holender joined the staff of the Big Brothers of British Columbia in 1969. During his years as a staff counsellor (1969 to 1975) he was selected as the first Canadian to be part of an international consulting team to assist new Big Brother Agencies with training programs and workshops. From 1975 to 1980, Mr. Holender was Executive Director of the Big Brothers of Burnaby, B.C. In addition to his many responsibilities as senior administrator for the organization, he was actively involved with other social and service agencies such as the United Way and the Inter-Agency Council.

In 1981 Mr. Holender turned his attention to full-time fund raising. As Director of Alumni Fund and University Development at the University of British Columbia, his duties included administration and coordination of all fund raising pro-

grams within UBC and its Alumni Association. Divisional fund raising activities, special faculty and department appeals, coordination of an advisory group of prominent businessmen and community leaders who provided input on fund raising policy, deferred giving, fund raising seminars and consultative seminars were some of the many responsibilities undertaken by Mr. Holender in his years at UBC.

According to Professor Leitch, the appointment of a new Director of Fund Development will mean the revitalization of the 75th Anniversary Appeal. But it will mean more than that, he points out. Initiatives like those undertaken by Mr. Holender at UBC will play an important part in the University's long-term commitment to fund raising, says Mr. Leitch.

For Mr. Holender, who takes up his duties here on 15 September, the challenge of fund raising in times of economic restraint depends very much on a well-defined awareness program. And so, he says, a great deal of his time will initially be spent talking to people, on campus and off, defining needs and establishing goals. "A successful fund raising program can help further the pursuit of excellence which is part of the tradition of The Uni-



versity of Alberta," he says. "There is a lot of work to be done," he acknowledges. "But

the University is committed to a goal, and that will help make my job a lot easier." □

## Faculty Women's Club Begins Fiftieth Year

Fifty years ago, the wives of faculty members of this University formed a social club under the leadership of Elizabeth Wallace, wife of President R.C. Wallace. Had a palmist been consulted, that worthy would have readily observed a strong life line in the club. The current membership of several hundred includes women from each of the eighteen Faculties, wives of faculty members, wives of administrative and professional officers, post-doctoral fellows, and research associates. More than thirty interest groups form a backdrop for the striking

up of friendships while indulging in an old hobby or learning a new one. Among the interest groups are art, quilting, bridge, fitness, and cross-country skiing.

The Fall Membership Tea will initiate the Faculty Women's Club's fiftieth year of activities. The tea will be held on 10 September from 1 to 4 p.m. in University House; all eligible members are invited to attend.

Other social events planned for 1983-84 are a coffee party for new members (later this month), the fall luncheon at the Faculty Club (20 October), the anniver-

sary luncheon (5 November), the convenors' dinner (January), a card party (February), the spring luncheon (March), the annual general meeting dinner (April), and the honorary and life membership tea (May).

The executive consists of one member from each Faculty who serves a two-year term and liaises between the executive committee and members who are affiliated with her Faculty. The executive for 1983-84 is as follows: Honorary President: Barbara Horowitz; President: Dor-



othy Ayer; Past President: Jackie Phillips; Vice-President: Helen Otto; Recording Secretary: Ann Wilson, Medicine; Corresponding Secretary and Publicity: Lee Andrew, Agriculture and Forestry, Home Economics; Treasurer: Muriel Haryett, Dentistry; Newsletter Editor: Sarah Nyland, Science; Associate Newsletter Editors: Sue White, Arts, Ann Wilson, Medicine; Publisher: Eve Gardner, member-at-

large; Membership Committee Chairman: Ruth Field, Law; Assistants: Suzanne Ellyin, Engineering, Murina Bauer, Honorary and Life Members; Business (to be appointed); Social Committee: Vi Moskalyk, Pharmacy and Pharmaceutical Sciences; Carol Lockwood, Extension and Education; Laura Steadward, Physical Education and Recreation; Ticket Manager: Laura Steadward; Newcomers' Coordinator: Suzanne Ellyin. □

## In Praise of Collegueship

*George Tuttle, former Moderator of the United Church of Canada, gave the following address at Spring Convocation, 1983.*

Eminent Chancellor, members of convocation, graduates and friends: As one whose parental roots go back to the founding convocation of this University and to the turning of its first sod, I am deeply conscious of the honor you have bestowed upon me during this 75th Anniversary Year.

Now that I have experienced this latest measure of welcome and acceptance I can publicly acknowledge that during my earliest attendance on this campus I was actually expelled. I was just a youngster at the time with a child's curiosity (common to every good researcher) impelling me to examine the excavation site for the first medical building, having a particular interest in the process of dynamiting. But before securing data sufficient for any reliable conclusion I was run off the property by a very frightened foreman. He evidently knew the old saying that "a little knowledge is a dangerous thing" and, moreover, that sometimes "whatsoever things are true" can blow your mind.

Academic graduation at any level should never be romanticized as a right of passage into the so-called real world. You have been in the real world since birth: learning, laughing, working, deciding and being decided about. But graduation can be a good ceremonial pause; to celebrate with family and friends, and to reflect upon your voca-

tion. When I first graduated from The University of Alberta many years ago, I took time to consider: "What precisely had I achieved?" Of course I could list those values accruing from personal contacts with professors, and through a variety of extra-curricular activities in campus clubs, athletics and social events but, in a more distinctly vocational sense, it occurred to me quite simply: I have been introduced to the index of a library. I now had access to, and some acquaintance with, the basic resources which could be brought to bear upon a profession.

Even in those days we were excited about the speedy growth of knowledge which could best be shown on a graph by an exponential curve. But you who graduate today have been working in a vastly changed scene, where the growth of knowledge is better expressed by the image of an explosion—an atomic explosion at that. In any given year in North America, in medicine alone, about two hundred thousand research projects and papers are in process for some kind of publication; and no doubt chemistry, biology, sociology, linguistics and the rest would yield their own stupendous figures. Instruments of high technology have accelerated both the accumulation of knowledge and the ready accessibility of knowledge beyond any imagination. Moreover, computers and engines of cybernation have narrowed the margins of error to enable more accurate determinations whether

in the functioning of a fetal heart or the intricate workings of a space ship. They are revolutionizing the traditional library and are freeing up the mind from the burdens of detailed memory and time-consuming calculation in favor of the more distinctly human capacity for conceptualization by which to lay hold on the future.

Technological advances also mark the narrower paths which lead to purified truth, and yield a more refined competence in whatever you choose to do over the next few years. This is turn will have an important bearing upon your image of yourself, and the way in which others in your profession perceive you, because the more specialized you become the more you depend upon others in the fulfilment of your calling. Thousands of women and men are involved in any successful planetary probe, any breakthrough with soil and seed, any new approach to autistic children—or whatever. The whole range of research and the delivery of human services implies a vast collaborative enterprise. Collegueship is the name of the game. The expert therefore has less reason now to parade as a prima donna or to claim inordinate benefits. So many others, equally committed to this or that aspect of the task, will have shared in your successes.

There are even greater issues beyond your own limited sphere. To multiply aspects of specialization in our society is to increase the need for means by which the varieties of expertise and information can be *integrated*. In health care, for example, someone has to take time to sit down with the patient as a person, helping him or her to fit the pieces together, allowing for the final step implied by Hippocrates' dictum that the patient is the healer. Medics might do well also to make occasional clinical rounds (including case histories) of homes which have been free of major sickness for ten years, so as to combine perspectives on well-being with those in ill-being.

As for society at large, we all need to experience the integra-

tion and wholeness which happens when you as a professional in any field move beyond your legitimate mystique to speak with the rest of us in lay language, however haltingly; or when technical experts venture into those places where ordinary people live and decide. We are not lacking in models. Witness the late Wilder Penfield who could swing it between neurosurgery, English literature and philosophy; and our own mathematician, Max Wyman, who plunged into law and human rights. Consider also David Suzuki's flair for coming right into our living-rooms with the mystery, wonder and excitement of the sciences. But in the years to come anyone who is anybody in a speciality is invited in some way to further the integration of human knowledge and the experience of wholeness so much needed in these times.

Above all, a specialist is called as well to be a citizen, a member of the human race. Hopefully, your circle of friends will carry you beyond shoptalk, professional one-upmanship and cash flow. You are to be a broadly caring person, with a political sense. The significance of the debate on the H-bomb initiated by the physicist Oppenheimer derived not from any superior ethical judgement on his part. Rather, it bore witness to a vital moral issue of our time in which scientists themselves are implicated. This also holds for the Boston genetic engineers, and for the so-called Club of Rome which pooled all sorts of wisdoms on the faulty stewardship of nature, and for the more optimistic "Global 2000 Revised" report just released through the American Association for the Advancement of Science. Right on your doorstep for immediate attention is the sober judgement that the most fruitful technological advances will likely promote a continuing unacceptable level of unemployment, with all the heartache that joblessness entails, even among the thousands of so-called "gypsy scholars" who possess PhD's but have no place to settle down. So it becomes morally questionable whether you can hide in your job and

refuse to share the hard social decisions of realignment in the world of work.

Ours is an exciting world. It requires vigilance precisely because any new development has its dark side. Every virtue has its attending vices. Technology can induce social slippage. That is why we cannot afford a purely disinterested pursuit of truth and technology, accompanied by an exclusive concern for a private vocation. For that would lay society open to events guided by the dangerous ethical notion that if something is technically possible it should be done, and the equally dangerous politics of demagogues.

Yet the way is open for a more globally conscious professional lifestyle, whether viewed by a theologian under the rubic of God's future as the ground for human hope, or by a secular seer speaking from one generation to another, as did Walt Whitman:

"I do not offer you the old smooth prizes,  
But the rough new ones;  
These are days which must happen to you!"□

## people

**Bruce Bain** (Educational Psychology) has been appointed for a two-year term to the Social Sciences and Humanities Research Council of Canada, Research Grants Adjudication Committee.

**C. Gordon-Craig** (English) was recently elected a Life Fellow of the Royal Society of Arts (FRSA). The Society, originally established in 1753 for the encouragement of Arts, Manufactures and Commerce, was granted a Royal Charter in 1847 and received a Supplemental Royal Charter in 1981.

**Brian Evans** (History) is the first lecturer in the Edmonton Public Library and the Chinese Canadian National Council,

Edmonton Chapter, lecture series commemorating the 125th anniversary of the Chinese community in Canada. Dr. Evans will speak on 21 September at 7:30 p.m. in the Centennial Library.

**T.M.S. Priestly** (Slavic and East European Studies) gave two seminars entitled "On the acquisition of noun endings by Czech children" and "Language maintenance in East European ethnic groups in Canada" at Monash University (Clayton, Victoria, Australia).

## publications

**Bain, Bruce** (Educational Psychology) Ed.:  
*Sociogenesis of Language and Human Conduct.*  
New York: Plenum, 1983.

**Fisher, Alfred** (Music):  
*Morning: Peniel* (for large orchestra) published by Seesaw Music, New York City.

**Green, L.C.** (University Professor):  
"International Law and the Control of Terrorism."  
*Dalhousie Law Journal* 1983: 236-252.

**Krotki, Karol J.** (University Professor):  
"Lojalnosc jezykowe grup etnicznych w Kanadzie (Language loyalties of ethnic groups in Canada)."  
*Przegląd Polonijny* (Polonia Review, Jagiellonian University of Cracow) 8(2) 1982: 39-57.

**Slavutych, Yar** (Slavic and East European Studies):  
*Valogatott versek.* Selected poems translated from Ukrainian into Hungarian by Sándor Domokos (Winnipeg, Man.) and introduced by Janos Miska (University of Lethbridge). Edmonton: Hungarian Cultural Society, 1983.

## service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

## Coming Events

### Lectures and Seminars

#### Department of Physics

**1 September, 3:30 p.m.** A. Kowabata, Gakushuin University, Japan, will present a lecture entitled "Renormalization Group Theory of Metal-Insulator Transition." P631 Physics Building.  
**6 September, 3:30 p.m.** G. Crabtree, Argonne National Laboratory, will speak on "Ferromagnetism and Superconductivity in ErRh<sub>4</sub>B<sub>4</sub>." P631 Physics Building.

#### Department of Forest Science

**6 September, 2 p.m.** Bruce J. Zobel, School of Forest Resources, North Carolina State University, will present a lecture entitled "World Timber Supply." 344 Chemical/Mineral Engineering Building.  
**7 September, 10 a.m.** Dr. Zobel will speak on, "Applied Silviculture in Eastern Canada." 344 Chemical/Mineral Engineering Building.  
**7 September, 3:30 p.m.** Bruce J. Zobel, will lecture on "Forest Tree Improvement." 2-1 Mechanical Engineering Building.

#### Department of Medical Microbiology

**8 September, 11 a.m.** Margot Kogut, Department of Biochemistry, King's College, University of London, will speak on "Subversive Elements in Protein Synthesis: How Aminoglycoside Antibiotics Kill Bacteria." Dr. Kogut's lecture comes under the auspices of the Alberta Heritage Foundation for Medical Research's Visiting Lecturer Program. 1-17C Medical Sciences Building.

#### Department of Immunology

**9 September, 10 a.m.** Michael Gallatin, Laboratory of Experimental Oncology, Department of Pathology, Stanford University School of Medicine, will present a seminar entitled "A Cell-Specific Molecule Involved in Organ-Specific Homing of Lymphocytes." (Lymphocytes migrate from the bloodstream by recognizing and binding to specialized endothelial cells lining the lymph nodes. Dr. Gallatin has, for the first time, identified and characterized the molecule which mediates this specific recognition.) The speaker is being sponsored by the Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.

**13 September, noon.** Clive Arthur Slaughter, Department of Microbiology, University of Texas Health Science Centre, will speak on "Antibody Diversity and Idiotypes: Studies of Murine Anti-Arsenate Antibodies." (Dr. Slaughter, a cellular and molecular immunologist, has used murine monoclonal antibodies to study antibody diversity, idiotypes, and enzyme allelic variants. The speaker is being sponsored by the Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.

#### Department of Zoology

**9 September, 3:30 p.m.** R.B. Aiken, Department of Entomology, will speak on "The Problems and Rewards of Underwater Singing." M-149 Biological Sciences Building.  
**12 September, 3:30 p.m.** Susan Hannon, Museum of Vertebrate Zoology, University of California, Berkeley, will speak on "Female Aggressiveness, Breeding Density, and Monogamy in Willow Ptarmigan." CW-410 Biological Sciences Building.

## Exhibitions

### Special Events

**Until 5 September.** A collection of Soviet books, in Ukrainian and in translation, is on display on the third floor, Humanities and Social Sciences Library, Rutherford North. The books are part of a donation to the University by the Soviet Union.

### Ring House Gallery

**Until 18 September.** "Toward Landscape" by Norman Yates. A major retrospective exhibition on the artist's life and work. Sponsored by the Alberta Art Foundation as a tenth anniversary project. Gallery hours: Weekdays: 11 a.m. to 4 p.m.; Thursday: 11 a.m. to 9 p.m.; Sunday: 2 to 5 p.m. For further information, telephone 432-5834.

## Non-Credit Courses

### Computing Services

#### Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. *Please phone 432-2261 first to confirm the dates.* Payment is required in advance and clients who do not cancel two business days in advance will be charged. Contact Carey, Training Assistant, 323 General Services Building, telephone 432-2261, for more information.

#### AJ510 Operation and Visual Editing

*Course number:* 1093. *Date:* 6, 8 September. *Time:* 10 a.m. to noon. *Fee:* \$15. *Prerequisites:* "MTS and Editor Fundamentals" and a good working knowledge of the File Editor. *Place:* 357 GSB.

#### Introduction to Text Formatting

*Course number:* 1109. *Date:* 12, 14, 16, 19, 21, 23 September. *Time:* noon to 2 p.m. *Fee:* \$25. *Prerequisites:* "MTS and Editor Fundamentals," "MTS Overview," and a

good working knowledge of the File Editor are required. "AJ510 Operation" or "Courier Operation" is strongly recommended. *Place:* 769/351 GSB.

### **Data Preparation for Statistical Packages**

*Course number:* 1124. *Date:* 21 September. *Time:* 9 a.m. to noon. *Fee:* \$5. *Prerequisites:* "MTS and Editor Fundamentals." *Place:* 769 GSB.

### **MTS and Editor Fundamentals**

*Course number:* 1078. *Date:* 12, 14, 16 September. *Time:* 10 a.m. to noon. *Fee:* \$20. *Prerequisites:* No previous computing experience, but familiarity with a keyboard is required. *Place:* 351 GSB.

*Course number:* 11. *Date:* 12, 14, 16 September. *Time:* 7 to 9 p.m. *Fee:* \$20. *Prerequisites:* No previous computing experience, but familiarity with a keyboard is required. *Place:* 351 GSB.

## **Faculty of Extension**

### **Real Estate Education**

For further information on the courses listed below, telephone 432-5060.

Appraisal of Real Property  
Contract Law for Real Estate Personnel  
Real Estate Law  
Advanced Real Estate Law  
Land Economics  
Land Planning and Development  
Property Management  
Real Estate and Mortgage Finance  
Should I Buy This House?  
Residential Landlords and Tenants: An Introduction to the Law  
Investment Analysis—The Mathematics of Yield Measurement, Property Valuation, and Ranking of Investment Alternatives  
Design and Analysis of Survey Questionnaires  
Practical Apartment Caretaking  
Apartment Rental Techniques  
Sales and Acquisition—How to Avoid Making Costly Errors  
Corporate Turnaround for Financially Troubled Companies  
The Understanding and Applications of Interest Rate Futures

### **Fitness and Lifestyle Programs**

For further information on the courses listed below, telephone 432-2015 (days) or 432-3116 (after 4:30 p.m.).

Fitness for Superfits; Fitness for Men; Morning Fitness; Fitness for Women; The Incredible Machine; Co-Ed Fitness; Co-Ed Aerobic Fitness; Fitness for Nurses; Yoga; Introductory Yoga; Fitness and Lifestyle for Seniors; Tai Chi; Feldenkrais—Awareness Through Movement; Fitness for Unfits; From Fat to Fit; Aerobic Dance Plus; Fitness Leader Workshops; New Rhythms for Fitness; Octoberfit Conference; Physical Culture Workshop

### **Horticulture**

For further information on the courses listed below, telephone 432-3029.

Indoor Landscaping  
Introduction to Hydroponics  
Greenhouse Design, Construction and Management I  
Control of Home and Garden Insect Pests

### **Energy Conservation**

For further information on the course listed below, telephone 432-3029.

A Detailed Introduction of Passive Solar and Energy Conservation

### **Business and Professional**

For further information on the courses listed below, telephone 432-5066 or 432-5067.

Management of Personal Finances: An Investment Strategies Approach  
Managing Investments  
Effective Interviewing Techniques  
Speculating in Commodity Futures  
Effective Selling Skills  
Dynamics of Effective Management

### **Devonian Botanic Garden**

#### **Mushroom Identification**

7 and 24 September, 6:30 to 9:30 p.m.

Mushroom identification keys and standard references will be used to identify the many types of mushrooms found at the Garden.

## **Notices**

### **Selection Committee for Chairman, Department of Accounting**

The GFC Nominating Committee is seeking nominations for one faculty member, not a member of the department concerned, to serve on the above Selection Committee. Would those who have suggestions for nominations, or who are interested in serving on this committee, please contact Mrs. P. M. Plaskitt, Secretary of the GFC Nominating Committee, 2-5 University Hall, telephone 432-4715.

### **Selection Committee for Chairman, Department of Organizational Analysis**

The GFC Nominating Committee is seeking nominations for one faculty member, not a member of the department concerned, to serve on the above Selection Committee. Would those who have suggestions for nominations, or who are interested in serving on this committee, please contact Mrs. Plaskitt.

### **Selection Committees for Chairmen of Departments, Faculty of Science**

The GFC Nominating Committee is seeking nominations for one faculty member, not a member of the department concerned (Chemistry, Mathematics, Physics, Statistics and Applied Probability) to serve on any of the committees.

Those who have suggestions for nominations, or those who are interested in serving on any of the above committees, please contact Mrs. Plaskitt.

### **Campus Reviews**

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the *Department of Sociology* is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee. In preparation for this second phase, PACCR invites written comment prior to 3 October 1983. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee.

Submissions should be sent to: Mrs. L. Pearson, PACCR Office, W4-13 Chemistry Building, Attention: The Sociology Unit Review Committee.

### **University/Community Special Projects Fund, and Fund for Support of International Development Activities:**

#### **Deadline for Submissions**

The next deadline for submission of project proposals to both funds is *15 September 1983*. Upon the request of the respective committees, deadlines will be strictly enforced in the future, unless exceptional circumstances warrant special consideration.

Proposals must be accompanied by endorsements from both the Department Head and the Faculty Dean, or a Director, Vice-President, or other senior administrator.

Submissions and enquiries, as well as requests for application forms, should be addressed to the Committee Secretary, Mrs. Eva M. Cherniavsky, 3-31 University Hall, telephone 432-4588.

### **University Women's Club Bursaries**

Have you come to the University after a long absence from a school setting? Are you in financial need? If so, apply for a Mature Student Bursary at the Office of Student Affairs, 225 Athabasca Hall, telephone 432-4145. The deadline for application is 15 October.

### **ETS Passes**

Edmonton Transit System passes can now be purchased at the University Bookstore. The monthly pass sells for \$31; the student pack, good for four months, sells for \$112.

## **Surplus Equipment**

*The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.*

For sale - 1 Soil Moisture Meter Gauge

- 1 Soil Moisture Depth Meter

For further information, please contact:

Mary, Soil Science, 432-3242.

For Sale - 1 Beckman 4 Channel Dynagraph.

For further information, please contact: Dr.

David A. Cook, Pharmacology, 432-3575.

## **Positions Vacant**

*The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.*

### **Vice-President (Academic)**

Nominations for the position of Vice-President (Academic) or indications of interest in the position should be made by writing to President Horowitz, Chairman of the Search Committee, 3-1 University Hall. Both male and female members of staff are invited to apply. Written applications or nominations from individuals both within and outside The University of Alberta will be received until 15 October 1983. Applications should be accompanied by a curriculum vitae and the names of three referees.

### **Administrative Officer, Faculty of Dentistry**

Applications are invited for the position of Administrative Officer, Faculty of Dentistry. The Faculty has four academic departments with teaching and research programs. The Faculty provides dental services through six dental clinics in the Faculty and three dental clinics in northern Alberta.

Duties include full budget responsibilities (operating, capital and trust); personnel management; physical plant management; and computerization of patient, student, purchasing and budget management systems.

This is an Administrative Professional Officer position reporting directly to the Dean. The salary is commensurate with qualifications and experience: minimum salary, \$28,975 per annum. Preference will be given to candidates with administrative/managerial experience at the university level and a university degree.

Interested persons should submit a résumé and the names of three references to Dean G.W. Thompson, Faculty of Dentistry, The University of Alberta, 3032 Dentistry/Pharmacy Centre, Edmonton, Alberta T6G 2N8.

Closing date for receipt of applications is 15 September 1983.

### **Administrative Officer, Office of the Registrar (Temporary Appointment for Eleven Months)**

Duties: Working under the general supervision of the Associate Registrar and Director of Admissions with acting responsibility for liaison programs with secondary schools and the public, information dissemination through publications, audio-visual materials and in-person contacts; back-up assistance to other senior staff in the office.

Qualifications: University graduate with public speaking ability and valid vehicle operator's license; previous experience in university/college admissions or liaison and familiarity with the Alberta educational system would be helpful.

Salary: Commensurate with experience and qualifications but upwards of \$25,077 per annum.

Apply in detailed résumé by 9 September 1983 to S. Gault, Associate Registrar, Office of the Registrar, The University of Alberta, Edmonton, Alberta T6G 2M7.

### Administrative Professional Officer, Economics

The person in this position is responsible to the Chairman, Department of Economics, for maintaining an effective administrative support structure. Five of seven non-academic staff members are supervised. Responsibilities include various administrative tasks related to (i) the teaching of the thirty-six full-time faculty and several lecturers; textbooks, timetables, space, grades; (ii) the activities and programs committees (about forty-five graduate students); and (iii) the preparation and coordination of the department's capital and operating budgets. Several years of administrative/managerial experience, preferably in a university, are required. A university degree is not necessary.

Salary range is \$25,399 to \$38,107. (The Hay point rating of the position is 417.)

Interested persons please submit a résumé and names of references to Professor Melville L. McMillan, Acting Chairman, Department of Economics, The University of Alberta, Edmonton, Alberta, T6G 2H4, by 15 September 1983.

### Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Asiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 25 August 1983. Salaries are currently under review. For a more up-to-date listing, please consult the weekly *Employment Opportunities Bulletin* and/or the postings in *PSSR*.

Office Services File Clerk (\$1,082-\$1,294) English  
Clerk Typist II (\$1,161-\$1,390) Community Relations  
Clerk Steno II (Recurring Term) (\$1,161-\$1,390) Forest Science  
Clerk Steno II (Trust) (\$1,161-\$1,390) Extension-Legal Resource Centre  
Clerk Typist III (Part-Time, Trust) (\$647-\$780) Faculté Saint-Jean  
Clerk Typist III (Part-Time) (\$776-\$936) Microbiology  
Secretary (Part-Time, Trust) (\$721-\$883)  
Secretary (Part-Time, Trust) (\$721-\$883)  
Secretary (Part-Time, Trust)  
Confederation of Alberta Faculty Associations  
Secretary (Part-Time Trust) (\$1,030-\$1,261) Graduate Students' Association  
Admission Records Trainee (\$1,294-\$1,561) Office of the Registrar  
Clerk Steno III (\$1,294-\$1,561) Faculty of Extension  
Clerk Steno III (\$1,294-\$1,561) Pathology  
Clerk Steno III (\$1,294-\$1,561) Sociology  
Clerk Steno III (\$1,294-\$1,561) Zoology  
Clerk Steno III (Trust) (\$1,294-\$1,561) Biochemistry

Student Records Processing Clerk (\$1,294-\$1,561) Rehabilitation Medicine  
Library Assistant I (\$1,338-\$1,625) Rural Economy  
Dental Assistant II (Recurring Term) (\$1,390-\$1,697) Dentistry  
Legal Stenographer (\$1,442-\$1,766) Law  
Admissions Records Assistant (\$1,442-\$1,766) Office of the Registrar  
Administrative Clerk (\$1,442-\$1,766) Personnel Services and Staff Relations  
Technical Assistant (\$1,294-\$1,561) Radio and Television  
Decontamination Service Worker I (\$1,390-\$1,697) Occupational Health and Safety  
Audiovisual Technician I/II (\$1,497-\$2,092) Physical Education  
Technician I (\$1,497-\$1,842) Computing Services  
Technician I (Trust) (\$1,497-\$1,842) Physiology  
Technician I (Trust) (\$1,497-\$1,842) Pharmacology  
Technician (Trust) (\$1,497-\$1,842) Medicine  
Technician I (\$1,497-\$1,842) Surgical Medical Research Institute  
Technician I/Technologist I (Trust) (\$1,497-\$1,697) Pharmacy  
Computer Operator I/II (\$1,561-\$2,092) Office of Administrative Systems  
Technician II (\$1,697-\$2,092) Food Science  
Technician II (Trust) (\$1,697-\$2,092) Psychology  
Electronics Technician II (\$1,766-\$2,182) Psychology  
Applications Analyst (\$1,842-\$2,280) Office of Administrative Systems  
Administrative Assistant I (\$1,842-\$2,280) Personnel Services and Staff Relations  
Programmer Analyst I/II (\$1,842-\$2,710) Computing Services  
Accounting Assistant (\$1,842-\$2,280) Office of the Comptroller  
Maintenance Worker II (\$1,842-\$2,280) Physical Plant  
Technician III (Part-Time) (\$960-\$1,189) Botany  
Technician III (\$1,920-\$2,378) Electrical Engineering  
Bacteriology Technologist II (\$1,920-\$2,378) Microbiology  
Fire Safety Technician (Term to Dec./83) (\$2,003-\$2,486) Occupational Health and Safety

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in Cameron Library (Room 512) should be consulted for further information as to availability and position requirements.

Library Clerk III (\$1,294-\$1,561) Science  
Library Assistant II (\$1,497-\$1,842) Cataloguing  
Library Assistant III (\$1,697-\$2,092) Cataloguing  
Programmer/Analyst II/III (\$2,182-\$2,710) Systems

### Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline

for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.

### Accommodations available

Sale by owner - 1,200 sq. ft. house, very quiet location, five minutes south University. \$92,000. 988-8186.  
Share - Male has executive home (five bedroom, three baths) to share with two others. \$250/month, share utilities, until summer 1984. St. Albert, on bus route. Evenings 458-1978, (416) 449-3017, collect.  
Renting - Grandin Towers, 9999-111 St. Clean, light, bright suites. Quiet highrise. Reasonable. Direct bus or 15-minute walk across High Level to campus. Phone Mary, 482-3151.  
Sleeping room - Male graduate student, non-smoker. Quiet home, private entrance, near Lister Hall. 439-1739.  
For rent - Downtown condominium. Five minutes from University. \$500/month. Fireplace, patio, five appliances, heated indoor parking. Phone 432-2643 or 482-6228.  
For rent - Four-bedroom house with fridge and stove. McKernan district. Two additional bedrooms in basement. Close to schools, University, bus and shopping. 436-5470.  
For sale - By owner. Three-bedroom bungalow, Greenfield, two fireplaces, two-car garage. Large mortgage, 12 3/4%, three years. Phone 435-0250.  
Townhouse for rent - Large, private unit. Three bedrooms, four appliances, direct bus to University. Phone 435-0250.  
Owner selling home - Ten minutes campus. Oak cupboards, new carpeting, fireplace, double garage, huge yard, fenced, professionally developed basement. Three bedrooms, two full bathrooms. Vinyl siding. \$85,000. 436-4615 after 6 p.m.  
Owner sale - Parkallen. Semi-bungalow. 1,280 sq. ft., three bedrooms, two bathrooms, developed basement, central vacuum. Renovated throughout, large fenced yard, quiet street. Close to schools, bus to University. 435-1563.  
House for sale - University area, by owner. Finished basement. 11260-78 Ave. Asking \$92,500. Phone 466-9250, 466-4834.  
For rent - Three-bedroom, unfurnished bungalow. One block, east of University Hospital. Phone Mr. Higgins, 428-1748 or 434-8816.  
Sale by owner - Three-bedroom condominium in Ermineskin, backing onto greenbelt area. Asking \$64,900. 435-1413 evenings.  
For rent - Pleasantview. Three-bedroom bungalow. Close to Southgate on quiet street. \$550/month, plus utilities. Call 437-1405.  
Sale - One in a million, on Saskatchewan Drive. 70-year-old home with all the old charm. Oak parquet floors, woodwork, and staircase, stone fireplace. Chris Tenove, 433-5664. 436-5250, Spencer's.  
Sale - University, two blocks to campus. Super location. Five-bedroom home. Four

appliances. Good home or investment. Call Chris Tenove, 433-5664. 436-5250, Spencer's.

Sale - University. Saskatchewan Drive, an elegant, immaculate bungalow. Gleaming, hardwood floors in bedrooms. Oak, kitchen cabinets. Five appliances. Two garages. Two fireplaces. Call Chris Tenove, 433-5664. 436-5250, Spencer's.  
For sale - Two-bedroom, modern condominium. 1 1/2 baths, five appliances, parking. 86 Ave. 111 St. 436-1897 evenings.

### Goods for sale

16 HP Case tractor, hydraulic drive with control valve, various attachments and accessories. Asking, best offer. 439-3531.  
Camping trailer, just right for two people. Asking \$1,000. 439-3531.  
Ikea desk and drawers, \$65. Eureka vacuum with power nozzle, used 12 months, \$175. 434-8266.  
All wool, German-made, area carpet, 9x12 feet, \$395. Recliner chair, \$80. 437-5568.  
Purebred, black, lab pups. Excellent hunters, pets. Reasonable. 432-3146.  
Clarinet. Yamaha. Excellent condition. New cork. \$220. 483-6973.  
Yamaha, concert weight, upright. U7, Yamaha's top of the line piano. Beautiful, teak wood, matching bench, like new. Retail \$7,000, asking \$5,200. Four years of warranty remaining. 439-0702.  
Dark brown sofa & chair, \$80. Twin bed, day couch, \$40. Chrome, arborite table, \$20. Utility trailer with spare, \$80. Phone 434-9189 evenings.

### Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.  
Singing teacher, Eileen Turner 439-4661.  
Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.  
Master's Touch - Wall covering, paperhanging, painting. Quality workmanship, reliable service. Call Jo Anne, 483-5319.  
Piano, theory lessons. Western Board. Robert Garipey, 433-7238.  
Childcare required. Live-in or out. Three children, 8 a.m.-4:30 p.m., Monday to Friday. 26 August-June. University area. 435-5887.  
Piano and theory teacher, Lillian Buckler. 435-8134.  
Athletes! Wanted, sports injuries for research-medication vs. placebo. Must be between 18 and 60 years old. Injury must have occurred within previous four days. Strains, sprains, muscle hematoma, subcutaneous bruising of large joint. Marg, 432-6055. C.S.B. 9-114.  
Parents seek child-loving person to care for our infant son. 4 to 5 days per week in our home, near University. Have friendly dog. References. 435-8209 evenings or weekends.  
Ceramic Studio Monitor-Technician required by Faculty of Extension, for Saturdays, 9:30 a.m.-6 p.m. \$4.50/hour plus studio privileges. If you are interested, please contact Nancy Misner, 432-3034.  
Ukrainian Bilingual Playschool fall registration. Southgate area. Qualified teacher with strong musical background. 435-6738, 462-4291.

# FOLIO

## Order for Personal Advertisements

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

*Folio*, The University of Alberta newspaper, is published every Thursday. All advertisements and requests to cancel advertisements must be received in the Office of Community Relations (423 Athabasca Hall) by 3 p.m. the Thursday prior to publication. All advertisements must be paid for in full at the time of their submission. No advertisements will be accepted via the telephone.

### Rates

- The cost is 30 cents per word with no discount for extended runs.
- There is a minimum charge of \$1.50.
- Advertisers' corrections are assessed at \$1.50.

### Length

- The maximum length of any advertisement is 30 words.
- Every word and abbreviation must be counted (although no charge is made for punctuation).
- Hyphenated words count as two words.
- A group of figures written together, or a telephone number, counts as one word.
- Initials and names must be counted but two or three initials together count as one word.

### Some examples

one-bedroom	(2 words)
\$100 month	(2 words)
4x7 feet	(2 words)
17 July	(2 words)
17 July 1979	(3 words)
17 July-18 August	(4 words)
\$29.95	(1 word)
\$2,935	(1 word)
(604) 432-4991	(1 word)
\$.50	(1 word)
1½	(1 word)
8¾ percent	(2 words)
A.B. Jones	(2 words)
Allen B. Jones	(3 words)
13411-102 Ave.	(2 words)

Mail or deliver this form to:  
 Advertisements Folio  
 The Office of Community Relations  
 423 Athabasca Hall  
 The University of Alberta  
 Edmonton, Alberta  
 T6G 2E8  
 Enquiries, 432-2325

*Please check the appropriate section in which the notice is to appear. Write one word in each space. Calculate the cost of your advertisement below.*

- ☐ Accommodations available
- ☐ Accommodations wanted
- ☐ Automobiles and others
- ☐ Goods for sale
- ☐ Services

	5
	10
	15
	20
	25
	30

### Assessment

\_\_\_\_\_ 30 cents  
 \_\_\_\_\_ X \_\_\_\_\_  
 words      rate

Total, which is enclosed = \_\_\_\_\_

### Date(s) to be run

_____	_____
_____	_____
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### For office use only

Receipt number \_\_\_\_\_

Cheque \_\_\_\_\_

Cash \_\_\_\_\_